ABSTRACT

A device for determining the absolute angular position of a turning device with respect to a fixed structure, including an encoder provided with a main multipolar track and a multipolar track called "top turn", said top turn track includes M singularities which are distributed angularly so that the top turn signal (C) is arranged so as to define, in conjunction with the signals A and B, the binary sequences which are each representative of an absolute angular position of the encoder. The invention also concerns a steering system for automobiles as well as a bearing including such a device.